

# FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON 7, ALBERTA

SEPTEMBER 4, 1969

## Rutherford Lecture to be given here



Dr. Kapitza

The annual Rutherford Lecture of the Royal Society of London will be given at The University of Alberta on September 16. The speaker will be PYOTR LEONODOVICH KAPITZA, Director of the Institute of Physics Problems in Moscow, and one of the world's most distinguished experimental physicists. Dr. Kapitza, the first Rutherford Lecturer from outside the Commonwealth, will speak on "High Power Electronics."

The Rutherford Lecture, named after Lord Rutherford, a pioneer in the field of physics, is given only once each year. It is a major scientific event, and a great honor to The University of Alberta.

Dr. Kapitza was born in 1894 in Russia. He graduated from the Polytechnic Institute in Petrograd (now Leningrad) and, in 1921, went to England where he worked under Lord Rutherford in the Cavendish Laboratory at Cambridge University. From 1930 to 1934, he was Director of the Mond Laboratory at Cambridge. In 1935, he became Director of the Institute of Physics Problems, a post he held until 1946. In 1955, he again took the post, and still holds it. He became an Academician of the U.S.S.R. Academy of Sciences in 1939; in 1941 and 1943, he received the Stalin Prize. He was made a Hero of Socialist Labor in 1945, and is editor of the *Soviet Journal of Experimental and Theoretical Physics*. Foreign organizations which have honored Dr. Kapitza include the London Royal Society, the Danish Academy of Sciences, the National Academy of Sciences of the United States, the English Institute of Metals, the Franklin Institute, the University

of Paris, the University of Oslo, and the University of Algiers.

Major scientific accomplishments include the observation of the splitting of spectral lines in fields up to 320 kilgauss, discovering linear increase of electrical resistants of metals with the field, and studying magnetostriction of diamagnetic bodies in these fields. He conducted investigations on the properties of liquid helium II and in 1938 discovered the phenomenon of super fluidity. He also developed a hydro-dynamic theory of lubricating bearings. Dr. Kapitza recently completed the English translation of a three-volume series of works on high power electronics.

The lecture will be held in the Students' Union Theatre at 4 p.m., September 16. Following the lecture, Dr. and Mrs. Kapitza will be honored by the University at a private banquet at the Chateau Lacombe.

### REGISTRATION EXPECTED TO PASS 18,000

Total registration should exceed 18,000 and may reach 18,300, according to W. A. D. BURNS, Assistant Registrar and Admissions Officer. Last year, 15,300 full-time students were registered.

Admission of new students at all undergraduate levels now is about 6,200, over 1,000 more than registered last year. This figure, however, does not necessarily indicate how many new undergraduates actually will register. Increasingly, students are applying to several universities and, if they are admitted to more than one, choosing the school they prefer. Often the deciding factor, particularly for freshmen, is the availability of residence accommodation.

Out-of-province applications also have grown in number. Last year 221 non-Alberta resident freshmen were admitted (151 out-of-province, plus 70 foreign students). There may be over 2,000 this year. This substantial increase is due in part to multiple applications and to the fact that the University of British Columbia has found it necessary to restrict out-of-province admissions; also, many out-of-province applications last year were

held up by the postal strike and their registrations could not be completed.

Graduate Studies also shows a marked increase. Of 15,000 enquiries received during the past year (11,000 the year before), 1,187 new graduate students have been admitted. The largest group of applicants are Canadian, although the number of enquiries from India and the United States are very close to those from Canada. An increase of about 300 students is expected by Graduate Registrar H. R. HAWES, bringing total graduate registration to about 2,100. Mr. Hawes feels that this increase in enquiries and admissions reflects the growing reputation of The University of Alberta throughout the world and the quality of financial assistance available here.

### STUDENTS' UNION MANAGER APPOINTED

The Students' Union has announced the appointment of a new General Manager. JOHN R. HOLGERSEN, now General Manager of the Edmonton Symphony Society, will replace MARVIN O. SWENSON, who has taken a position at Pacific Lutheran University in Tacoma, Washington.

Mr. Holgersen will assume full-time duties with the students on October 1. After that date, the students have agreed to make him available to the Symphony Society for consultation. He will also serve on the Board of Directors of the Symphony.

Born and educated in Copenhagen, Mr. Holgersen has a varied background in administration and the arts. He is a graduate of an Arts and Journalism course at the University of Copenhagen and holds a Diploma in Public Administration from the Department of Extension at The University of Alberta. Before coming to Canada in 1952, he worked on two daily newspapers. From 1952 to 1954, he worked as a free-lance writer and commentator for the Canadian Broadcasting Corporation's International Service. In 1954, he joined the Alberta Department of Municipal Affairs.

Mr. Holgersen has long been known in Edmonton for his involvement in community affairs. He was active in the Allied Arts Council, and in 1956 initiated "Town Talk," the Council publication, which he edited for a number of years. He has also served as the

editor of several professional newsletters and worked extensively with voluntary and professional human relations seminars. In 1963, he was elected Chairman of the Edmonton Centennial Committee and was appointed full-time Executive Director in 1966. In 1967, he became General Manager of the Edmonton Symphony Society.

## PEOPLE

ERNEST R. HAYNES, Assistant Professor of Community Medicine and Assistant Director of the Division of Continuing Medical Education, will become Director of the graduate program in Family Medicine at Buffalo, New York, Chief of the Department of General Practice at Deaconess Hospital in Buffalo, and Clinical Professor of Family Medicine, School of Medicine, State University of New York at Buffalo.

At the national convention of the Educational Television and Radio Association of Canada (ETRAC), at Laval University in the week of August 18, HENRY H. MAMET, Director of Radio and Television, was elected to the executive for the third successive term. Mr. Mamet has also been asked to head a new western division now being formed.

GEORGE EDDY, Associate Professor of Paediatrics, has been appointed Clinical Director of the Glenrose School Hospital. Dr. Eddy has been Acting Clinical Director for the past 12 months, and succeeds J. K. MARTIN, Professor of Paediatrics, who was instrumental in the planning and development of the comprehensive program for the education and treatment of handicapped children at the Glenrose School Hospital.

## CONSTRUCTION REPORT

The monthly progress report of the Campus Development Office, dated August 15, lists 17 projects under construction and 14 in the planning stage.

The North Wing addition to the Cameron Library is scheduled for completion in October. The basement floor should be completed September 19, and the fifth floor, the last to be completed, by October 17.

Work commenced on the addition to the Physical Education and Recreation Centre on February 18, and the present completion schedule is May 7, 1970. Delays in construction have been due primarily to delays in the supply of construction material.

The Switchgear Revisions to the Engineering Centre, Phase I, which were to have been finished by July 15, have been held up by the delay of several switchgear components

from the factory; the completion date will be determined when the materials arrive.

Modifications and installations to Mechanical Services Contract Groups B and C are three weeks behind schedule. Installation is 80 per cent complete on the Physical Education Building; 90 per cent complete on the Students' Union Building; 95 per cent complete on University Hall; complete on the General Services Building; mechanically complete, but with revision to controls still under study, in the Engineering Building, Phase I; and 40 per cent complete on the Physics Building. The installation of a temporary laboratory is approximately 65 per cent complete.

Car Park I was 15 per cent complete on August 15, and the date for completion was then November 10. Work is slightly behind schedule, but the contractor hopes to catch up.

Some delays in work on the roads and parking lots have been caused by rain. With good weather, the parking lots should be finished early in September, and the remainder of the work finished by freeze-up. Soft landscaping of paving and grounds is proceeding on schedule, and is expected to be complete by November 30.

Work will commence in October, on the Unit Power Centre, with completion scheduled for February, 1970.

Work on the Central Academic Building began on August 12. The building is expected to cost approximately \$2,500,000. The present schedule calls for completion by September 1, 1970.

The Biological Sciences Centre, Phase I, is nearly finished, 10 months behind schedule. All floors in the Genetics Wing have been inspected and accepted, subject to the clearing of deficiencies. Cabinet installation was 75 per cent complete on August 15, and mechanical and electrical services were expected to be connected by September 1. Nine of the 13 floors in the Zoology Wing have been completed, but progress is slightly behind schedule.

Phase II of the Biological Sciences Centre is eight months behind schedule. The Centre Wing is 83 per cent complete and the Botany Wing is 67 per cent complete. Phase IIA is also eight months behind schedule, with the Microbiology Wing 87 per cent complete. Eighty-five per cent of Phase III is completed. Two of the six floors in the Psychology Wing are completed and accepted.

Phases II and III of the Deep Sewer are eight weeks behind schedule. The drop structures are 85 per cent completed, the tunnel lining 30 per cent complete, and the surface lines 85 per cent completed.

The Utilities Electrical Conversion, Phase I, project was completed on June 16. Phase II, now two weeks behind, is 60 per cent complete. The Water Meter Chamber and Primary Water Feeders were 97 per cent complete and on schedule. The cross-over at 83 Avenue and 114 Street is holding for a change order to re-route; further excavation on 114 Street will be required. Work has not yet begun on the Trunk Sewer Phase IV and tenders for Phase IIA of the Utilities Tunnel close September 26.

Projects in the planning stage, with target costs, include: Michener Park, Phase II, Stage 1, \$4,925,000; Paving and Grounds Irrigation, \$20,000; off-campus agriculture and science facilities, \$900,000; Law Centre, \$3,300,000; Basic Medical Sciences Building I, \$7,400,000; Fine Arts Building I, \$4,500,000; Education 2, Phase I, \$5,000,000; North Garneau Library, Phase I, \$3,270,000; Engineering Building 2, Phase I, \$4,000,000; Chemistry Building 2, Phase I, \$5,000,000; Car Park 2, \$1,250,000; Arts Building 2, Phase I, \$3,000,000; North Garneau Food Services Facility, \$1,000,000; Graduate Student Housing, \$5,000,000; Student Union Housing, \$5,000,000; Business Administration Building, Phase I, \$3,000,000; Agriculture Building 2, Phase I, \$4,500,000; and Household Economics Building 2, Phase I, \$2,000,000.

## Staff appointments

The following pages contain a list of resignations from the academic staff, complete as of August 31. Issues in the near future will include lists of new appointments, leaves, promotions, and retirements, and further resignations.

## RESIGNATIONS

### ACADEMIC PLANNING

HARVEY W. FORD, Executive Secretary of the Academic Development Committee, effective June 30

### AGRICULTURAL ECONOMICS

WALTER B. ROGERS, Associate Professor, effective September 21

### ART

VICTOR JOHNSON, Assistant Professor, effective June 30

### AUDIO-VISUAL MEDIA CENTRE

WAYNE R. DRALLE, Associate Professor of Secondary Education and Director of the Centre, effective August 31

### BIOCHEMISTRY

IAN C. CALDWELL, Assistant Professor, effective June 30

**BOTANY**

R. H. JAGELS, Assistant Professor, effective June 30

**BUSINESS ADMINISTRATION**

CHARLES C. MONTGOMERY, Assistant Professor, effective July 31

HARVEY W. FORD, Associate Professor, effective June 30

**COMPUTING SCIENCE**

RICHARD PEDDICORD, Assistant Professor, effective June 30

**DENTAL HYGIENE**

VICTORIA LOGIE, Lecturer, effective August 31

**DENTISTRY**

MERRILL W. PACKER, Associate Professor and Chairman of Periodontics, effective June 30

**DRAMA**

GERALDINE REHRIG, Assistant Professor, effective June 30

**ECONOMICS**

BARBARA L. HODGINS, Lecturer, effective August 31

**EDUCATIONAL PSYCHOLOGY**

ANDRE D. J. COTE, Assistant Professor, effective August 31

FREDERICK N. DYER, Assistant Professor, effective June 30

JEAN L. DYER, Assistant Professor, effective June 30

ERNEST G. STICKEL, Associate Professor, effective June 30

**ELEMENTARY EDUCATION**

ROBERT D. ARMSTRONG, Associate Professor, effective August 31

BEVERLY R. CUTLER, Associate Professor, effective June 30

**EXTENSION**

JOSEPH E. MULLOY, Associate Professor, effective June 30

**GEOGRAPHY**

J. W. BABAD, Administrative Officer, effective August 31

**GEOLOGY**

ROBERT E. FOLINSBEE, resigning as Chairman, effective anuary 31

**GERMANIC LANGUAGES**

JOHN WHITON, Assistant Professor, effective June 30

**HOUSEHOLD ECONOMICS**

ROBERTA CHENEY, Assistant Professor, effective June 30

**LAW**

JOSEPH W. SAMUELS, Assistant Professor, effective June 30

MAURICE J. SYCHUK, Assistant Professor, effective June 30

ANDREW R. THOMPSON, Professor, effective August 1

**UNIVERSITY LIBRARIES**

PATRICIA J. COFFMAN, Librarian, effective June 30

LINDA R. EINBLAU, Librarian, effective June 30

K. L. GARDINER, Librarian, effective September 30

NOEL W. JOHNSON, Co-ordinator of Systems Planning and Development for the Library, effective July 31

E. I. MC CALLUM, Librarian, effective July 1

H. F. PALMER, Librarian, effective April 30

L. RIEFFER, Librarian, effective March 18

**LIBRARY SCIENCE**

DAVID W. FOLEY, Associate Professor, effective June 30

**MATHEMATICS**

R. M. MATHESFN, Assistant Professor, effective June 30

S. A. NAIMPALLY, Associate Professor, effective August 31

**MECHANICAL ENGINEERING**

ERIC C. JOHNSON, Assistant Professor, effective June 30

**MEDICINE**

WILLIAM J. DOWNS, Clinical Instructor, effective August 31

RICHARD H. WAIT, Instructor, effective May 31

**MICROBIOLOGY**

MICHAEL PIECHOWSKI, Assistant Professor, effective December 31, 1969

WILFRED E. RAZZELL, Professor and Head, effective August 31

**MINING AND METALLURGY**

JURGEN R. FEHLING, Associate Professor, effective June 30

**NURSING**

IRENE M. BELL, Lecturer, effective July 31

GLORIA C. GEHLERT, Lecturer, effective July 31

MARGARET M. JACKSON, Associate Professor, effective August 31

MARJORIE SANDILANDS, Lecturer, effective June 30

**PATHOLOGY**

DARILYN A. RACZ, Instructor, effective March 31, 1969

**PERSONNEL**

P. N. MULCAHY, Administrative Officer I, effective July 30

**PHARMACOLOGY**

GERALD S. MARKS, Associate Professor, effective August 31

**PHARMACY**

GEORGE L. WASZILYCAK, Assistant Professor, effective June 30

**PHYSICAL EDUCATION**

LORNA READ, Instructor, effective June 30

**PHYSICS**

A. B. BHATIA, Professor and Director of the Theoretical Physics Institute, effective June 30

**PHYSIOLOGY**

PETER E. HALLETT, Assistant Professor, effective August 31

NORMAN F. CLINCH, Assistant Professor, effective July 1

**POLITICAL SCIENCE**

BOHDAN R. BOCIURKIW, Professor, effective August 15

ROBERT A. MELVIN, Assistant Professor, effective June 30

**PSYCHIATRY**

HUGH M. BACON, Lecturer, effective June 30

JULIUS GUILD, Associate Professor, effective August 31

CHARLES P. HELLON, Associate Clinical Professor, effective July 31

D. O. C. RAPIER, Assistant Professor, effective June 30

PETER A. ROXBURGH, Assistant Professor, effective July 26

**PSYCHOLOGY**

ROBERT M. ARVIDSON, Assistant Professor, effective June 30

**ROMANCE LANGUAGES**

MARY S. GARFINKLE, Assistant Professor, effective June 30

JOSE P. POLO, Assistant Professor, effective June 30

**SECONDARY EDUCATION**

SANDRA W. CARPENTER, Assistant Professor, effective June 30

MARVIN A. CLARK, Associate Professor, effective June 30

THOMAS E. KIEREN, Assistant Professor, effective August 31

**SLAVONIC LANGUAGES AND LITERATURES**

JULIAN L. LAYCHUK, Assistant Professor, effective August 31

WILLIAM R. NOVAKSHONOFF, Assistant Professor, effective April 28

**SOCIOLOGY**

MAHMET A. BEQIRAJ, Associate Professor, effective June 30

S. J. BELL, Assistant Professor, effective June 30

SETHART D. FISHER, Assistant Professor,  
effective June 30

ROBERT H. HUGHES, Assistant Professor,  
effective June 30

DONALD E. LARSEN, Assistant Professor,  
effective August 31

RICHARD H. OGLES, Associate Professor,  
effective June 30

ROBERT M. PIKE, Assistant Professor,  
effective June 30

PATRICIA RICHMOND, Assistant Professor,  
effective June 30

#### ZOOLOGY

JOHN S. HAYWARD, Assistant Professor,  
effective June 30

LUDWIG VON BERTALANFFY, University  
Professor, effective September 1

#### SURVEYING AND MAPPING COLLOQUIUM

A Surveying and Mapping Colloquium for  
the petroleum industry will take place during  
October 15-17 at the Banff School of Fine Arts.

The colloquium is sponsored by the  
Canadian Petroleum Association in  
co-operation with the National Advisory  
Committee on Control Surveys and Mapping,  
the Alberta Land Surveyors Association, the  
Canadian Society of Exploration Geophysicists,  
the Alberta Society of Petroleum Geologists,  
and the Department of Extension of The  
University of Alberta.

The three-day colloquium will be of interest  
to engineers, surveyors, geologists,  
geophysicists, cartographers, and hydrographers.  
It will be of particular value to those persons  
who are involved in establishing surveying  
and mapping policies for their organizations.

Topics to be discussed will include  
co-ordinate systems, data filing and retrieval  
of control surveys, computer applications, the  
merits of the metric system, map index  
systems, available methods to establish seismic  
lines, well positions, control buoys, and  
markers. Government requirements for leasing  
and drilling control stations will also be  
discussed.

#### HOMECOMING '69

Homecoming '69 will be held October 3, 4,  
and 5. In an attempt to give the returning  
alumni an opportunity to see first hand  
the changes on the campus and to remember  
their own years at the University, a  
student-administration committee has been  
working for weeks on the program.

Events will include a theatre party on  
October 3 and a student forum on October 4.  
A reception sponsored by the University  
Athletic Board will precede a football game  
between the Golden Bears and The University  
of Calgary Dinosaurs. The highlight will  
be the annual Homecoming reception,  
dinner, and dance in the Students' Union  
Building.

#### INFORMATION SCIENCE MEETING

The inaugural meeting of the Western  
Canada Chapter of the American Society for  
Information Science will be held at the  
University on Wednesday, September 24.  
Of interest to scientists, librarians, computer  
people, linguistics, social scientists, publishers,  
businessmen, information officers—anyone  
interested or involved in information  
dissemination and retrieval—the meeting will  
feature a workshop, panel discussion, and  
business sessions.

The keynote speakers will be information  
scientist JOSEPH BECKER, President of the  
American Society for Information Science  
and Vice-President of the Inter-University  
Communications Council (EDUCOM) of  
Bethesda, Maryland.

Panelists discussing "Scientific and Technical  
Information in Canada" will include FRANK  
DOLAN, Information Systems, The University  
of Calgary and recently of Imperial Oil;  
J. E. BROWN, National Science Library;  
HARRY E. GUNNING, Chairman of the  
Department of Chemistry; LEO KATZ of the  
Department of Physics at the University  
of Saskatchewan and a member of the Science  
Council of Canada Committee on  
Information Science; and J. P. TYAS, Science

Secretariat, formerly chairman of a federal  
study on scientific and technical information.

Registration should be made to the  
Western Canada Chapter of the American  
Society for Information Science, c/o JANICE  
HEYWORTH, Department of Computing  
Science. The registration fee is \$5.

#### NOTICES

##### TRAFFIC DISRUPTION

Hoardings have been erected around the  
site for the new Central Academic Building.  
This area, bounded on the north by the  
Chemistry Building, on the south by the Civil  
and Electrical Engineering Building, on the  
west by the quad, and on the east by Cameron  
Library, will be closed to campus traffic  
until further notice. Temporary footpaths have  
been left for pedestrians between these  
buildings, but these may be closed as  
construction progresses.

##### WINDSOR PARK KINDERGARTEN

The Windsor Park Co-operative Kindergarten  
at 118 Street and 87 Avenue will open  
to five-year-olds in September, with Mrs.  
ANNE RYAN as teacher. Further details may be  
obtained from Mrs. McDONALD, 433-1859.

##### UNIVERSITY SINGERS

The University Singers will hold the first  
meeting of the 1969-70 season at 8 p.m. on  
Tuesday, September 16 in Room 345 of the  
Agriculture Building. Informal auditions for  
new members will be held September 16,  
23, and 30, and all interested persons  
are invited to attend. The group is directed by  
SANDRA MUNN, Assistant Professor of Music.

#### PERSONAL NOTICES

*Staff members may forward notices to reach  
the Editor by 9 a.m. the Friday prior to publication.  
They must be typed, and not exceed 35 words  
including heading. Advertisements received will  
be published at the Editor's discretion.*

FOR RENT—Large, furnished, fully-equipped  
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THE UNIVERSITY OF ALBERTA  
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